

SEQUENCE LISTING

<110> PAIGE, Lisa A.
MCDONNELL, Donald P.
CHANG, Ching Yu
NORRIS, John
HAMILTON, Paul T.
FOWLKES, Dana M.
BARNETT, Tom
CHRISTIANSEN, Dale J.
BUEHRER, Benjamin

<120> METHOD OF PREDICTING THE ABILITY OF COMPOUNDS TO
MODULATE THE BIOLOGICAL ACTIVITY OF RECEPTORS

<130> PAIGE1D

<140> 09/429,331

<141> 1999-10-28

<150> PCT/US99/06664

<151> 1999-03-26

<150> 60/082,756

<151> 1998-04-23

<150> 60/099,656

<151> 1998-09-09

<150> 60/115,345

<151> 1999-01-08

<160> 360

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

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peptide

<400> 1

Ser	Ser	Asn	His	Gln	Ser	Ser	Arg	Leu	Ile	Glu	Leu	Leu	Ser	Arg	Ser
1				5					10					15	

Gly	Ser	Gly	Lys
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<210> 2

<211> 8

<212> PRT

<213> Artificial Sequence

<400> 11
 Ser Ser Trp Asp Met His Gln Phe Phe Trp Glu Gly Val Ser Arg
 1 5 10 15

<210> 12
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 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Arbitrary
 peptide

<400> 12
 Ser Ser Pro Gly Ser Arg Glu Trp Phe Lys Asp Met Leu Ser Arg
 1 5 10 15

<210> 13
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 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 13
 Ser Ser Leu Thr Ser Arg Asp Phe Gly Ser Trp Tyr Ala Ser Arg
 1 5 10 15

<210> 14
 <211> 88
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:DNA encoding random
 peptide library of Ex. 101.1

<220>
 <223> N at each occurrence is A, C, G or T; K at each
 occurrence is G or T

<400> 14
 agtgtgtgcc tcgagannkn nknnknnknn knnknnkctg nnknnkctgc tgnnknnknn 60
 knnknnknnk nnktctagac tgtgcagt 88

<210> 15
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 <212> DNA
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<220>
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peptide

<400> 313
Ser Ser His Trp Ser Ser Asp Ser Ile Phe Pro Gly Phe Trp Tyr Ser
1 5 10 15

Gly

<210> 314
<211> 13
<212> PRT
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<220>
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peptide

<400> 314
Ser Arg Gly Gly Val Asp Leu Asp Ile Gly Asn Ser Ala
1 5 10

<210> 315
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peptide

<400> 315
Glu Gly Glu Asp Val Arg Thr Arg Ile Ala Asn
1 5 10

<210> 316
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peptide

<400> 316
Ser Arg Trp Glu Ser Pro Leu Gly Thr Trp Glu Trp Ser Arg
1 5 10

<210> 317
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<212> PRT
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peptide

<400> 317
Ser Ala Ala Pro Arg Thr Ile Ser His Tyr Leu Met Gly Gly
1 5 10

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<212> PRT
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<220>
<223> Description of Artificial Sequence:Arbitrary
peptide

<400> 318
Ser Ser Trp Val Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg
1 5 10 15

<210> 319
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<212> PRT
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<220>
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peptide

<400> 319
Ser Ser Trp Asp Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg
1 5 10 15

<210> 320
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<212> PRT
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<220>
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peptide

<400> 320
Ser Ser Trp Ile Arg Leu Arg Asp Leu Pro Trp Gly Glu Ser Arg
1 5 10 15

<210> 321
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 Ser Ser Trp Val Leu Leu Arg Asp Leu Pro Trp Gly Ser Arg
 1 5 10

<210> 322
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<400> 322
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 1 5 10

<210> 323
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<400> 323
 Ser Ser Cys Lys Trp Tyr Glu Lys Cys Ser Gly Leu Trp Ser Arg
 1 5 10 15

<210> 324
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 peptide

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 Ser Ser Gly Ile Cys Phe Phe Trp Asp Gly Cys Phe Glu Ser Arg
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<210> 325
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peptide

<400> 325

Ser Arg Asn Leu Cys Phe Phe Trp Asp Asp Glu Tyr Cys Ser Arg
1 5 10 15

<210> 326

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peptide

<400> 326

His His His Arg His Pro Ala His Pro His Thr Tyr Gly Gly
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<210> 327

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peptide

<400> 327

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1 5 10 15

<210> 328

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peptide

<400> 328

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1 5 10 15

<210> 329

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peptide

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Ser Ser Asn Lys Leu Leu Tyr Asn Leu Leu Lys Met Glu Ser Arg
1 5 10 15

<210> 330

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<400> 330

Ser Ser Lys Ser Leu Leu Leu Asn Leu Leu Ser Thr Pro Ser Arg
1 5 10 15

<210> 331

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Arbitrary
peptide

<400> 331

His Ser Phe Pro Arg Glu Ser Leu Leu Val Arg Leu Leu Gln Gly Gly
1 5 10 15

<210> 332

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 332

Ser Arg Leu Glu Met Leu Leu Arg Ser Glu Thr Asp Phe Ser Arg
1 5 10 15

<210> 333

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Arbitrary
peptide

<400> 333

Ser Arg Leu Glu Glu Leu Leu Lys Trp Gly Ser Val Thr Ser Arg
 1 5 10 15

<210> 334
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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 peptide

<400> 334
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<210> 335
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<220>
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<400> 335
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<210> 336
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 1 5 10 15

<210> 337
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<400> 337
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<210> 338
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 <210> 339
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<210> 346
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 peptide

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 1 5 10 15

 <210> 347
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 peptide

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 1 5 10 15

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 1 5 10 15

 <210> 349
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 peptide

 <400> 349
 Ser Ser Lys Thr Leu Trp Arg Leu Leu Glu Gly Glu Arg Ser Arg
 1 5 10 15

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 peptide

 <400> 350
 Ser Arg Ala Gly Pro Val Leu Trp Gly Leu Leu Ser Glu Ser Arg
 1 5 10 15

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 peptide

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 1 5 10 15

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 <400> 352
 Ser Ser Trp Val Arg Leu Ser Asp Phe Pro Trp Gly Val Ser Arg
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 <210> 353
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 <400> 353
 Ser Ser Glu Tyr Cys Phe Tyr Asp Ser Ala His Cys Ser Arg
 1 5 10

 <210> 354
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<400> 354

Ser	Arg	Ser	Leu	Leu	Glu	Cys	His	Leu	Met	Gly	Asn	Cys	Ser	Arg
1				5					10					15

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peptide

<400> 355

Ser	Ser	Glu	Leu	Leu	Arg	Trp	His	Leu	Thr	Arg	Asp	Thr	Ser	Arg
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peptide

<400> 356

Ser	Arg	Leu	Glu	Tyr	Trp	Leu	Lys	Trp	Glu	Pro	Gly	Pro	Ser	Arg
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<210> 357

<211> 15

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peptide

<400> 357

Ser	Arg	Ser	Asp	Ser	Ile	Leu	Trp	Arg	Met	Leu	Ser	Glu	Ser	Arg
1				5					10					15

<210> 358

<211> 16

<212> PRT

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peptide

<400> 358

Ser Ser Lys Gly Val Leu Trp Arg Met Leu Ala Glu Pro Val Ser Arg
1 5 10 15

<210> 359

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

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peptide

<400> 359

His Ser His Gly Pro Leu Thr Leu Asn Leu Leu Arg Ser Ser Gly Gly
1 5 10 15

<210> 360

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Arbitrary
peptide

<400> 360

Ser Ser Ala Gly Gly Gly Ala Pro Ala Gly Ser Thr Pro Ser Arg
1 5 10 15